



Figure 1

HS 33	Y
maize LS	LHD DFG S E I L P R A V L D H S V Q A C I F T C Y W E D V G T I
wheat LS	LHD DFG S E I L P R A L H D H N V Q A Y V F T D Y W E D I G T I
barley LS	LHD DFG S E I L P R A L H D H N V Q A Y V F T D Y W E D I G T I
potato LS	SND F G S E I L P AA I DD Y N V Q A Y I F K D Y W E D I G T I

Figure 2

	I									
HS 40	A	G	K	V	P	I	G	R	N	T
maize LS	E	G	K	V	P	I	G	V	G	E
wheat LS	E	G	K	V	P	I	G	V	G	E
barley LS	E	G	K	V	P	I	G	V	G	E
potato LS	E	G	K	V	P	I	G	I	G	E
spinach LS	I	K	D	A	I	I	D	K	N	A
										R

Figure 3

#426

TS48

F

maize LS	C S R V S S G C E L K D S V M M G A D I
wheat LS	R S R L N S G S E L K N A M M M G A D S
barley LS	R S R L N S G S E L K N A M M M G A D S
rice LS	S S R V S S G C E L K . . . . . I
	. S R . S S G . E L K . . . m m g a d .

**Figure 4A**

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TS60

K

maize LS	D F G S E I L P R A V L D H S V Q . A C I F T G Y
wheat LS	D F G S E I L P R A L H D H N V Q . A Y V F T D Y
barley LS	D F G S E I L P R A L H D H N V Q . A Y V F T D Y
rice LS	D F G S E I L P R A L L E H N V K V A C V F T E Y
	D F G S E I L P R A I . d H n V q . A . v F T . Y

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TS60

V

maize LS	E D V G T I K S F F D A N L A L T E Q P S K F D F
wheat LS	E D I G T I R S F F D A N M A L C E Q P P K F E F
barley LS	E D I G T I R S F F D A N M A L C E Q P P K F E F
rice LS	E D I G T I K S F F D A N L A L T E Q P P K F E F
	E D I G T I . S F F D A N . A L . E Q P p K F e F

**Figure 4B**

#177

RTS48-2	V
maize LS	T Q M P E E P A G W F Q G T A D S I R K
wheat LS	T Q M P G E A A G W F R G T A D A V R K
barley LS	T Q M P G E A A G W F R G T A D A V R K
rice LS	T Q M P D E P A G W F Q G T A D A I R K T Q M P . E . A G W F . G T A D a . R K

**Figure 5A**

#396

RTS60-1	V
maize LS	D K C K . . M K Y A F I S D G C L L R E
wheat LS	D K C R . . I K E A I I S H G C F L R E
barley LS	D K C R . . I K E A I I S H G C F L R E
rice LS	D K C K C K I K D A I I S D G C S F S E D K C . . i K . A i I S . G C . f r E

**Figure 5B**